

NO. 1 2010 EDITION  
 DESCRIPTION OF REVISIONS  
 DATE 03/10  
 MADE BY C. COLE  
 NO. 3 4  
 DATE 03/10  
 MADE BY C. COLE  
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 DATE  
 MADE BY

IMSA CABLE 19-1, #14 AWG, 20-CONDUCTOR				
CABLE #1	CABLE #2	CONDUCTOR COLOR		SIGNAL INTERVAL
		BASIC COLOR	TRACER STRIPE	
Ø1	Ø5 OR OVERLAP A	RED	WHITE	RED
		BLACK	WHITE	YELLOW
		GREEN	WHITE	GREEN
Ø2	Ø6 OR OVERLAP B	RED	---	RED
		ORANGE	---	YELLOW
		GREEN	---	GREEN
Ø3	Ø7 OR OVERLAP C	BLACK	RED	RED
		ORANGE	RED	YELLOW
		BLUE	RED	GREEN
Ø4	Ø8 OR OVERLAP D	RED	BLACK	RED
		ORANGE	BLACK	YELLOW
		GREEN	BLACK	GREEN
Ø2 PED.	Ø6 PED.	BLUE	---	WALK
		BLACK	---	DON'T WALK
		WHITE	BLACK	PUSH BUTTON
Ø4 PED.	Ø8 PED.	BLUE	WHITE	WALK
		RED	GREEN	DON'T WALK
		WHITE	RED	PUSH BUTTON
ALL Ø'S	ALL Ø'S	WHITE	---	P.B. COMMON
		BLUE	BLACK	SPARE

CABLE #2 SHALL BE MARKED WITH 2 INDIVIDUAL 3/8 INCH WIDE STAINLESS STEEL BANDS, SIDE BY SIDE WITH A 1/2 INCH GAP BETWEEN BANDS, AT EACH PULL BOX LOCATION. INDIVIDUAL CONDUCTORS IN THE CABLE SHALL BE TAGGED AS TO ASSIGNED PHASE.

IMSA CABLE 19-1, #14 AWG, 20-CONDUCTOR				
PHASE	DESIGNATION	CONDUCTOR COLOR		SIGNAL INTERVAL
		BASIC COLOR	TRACER STRIPE	
Ø1	OR Ø5	RED	WHITE	RED
		BLACK	WHITE	YELLOW
		GREEN	WHITE	GREEN
Ø2	OR Ø6	RED	---	RED
		ORANGE	---	YELLOW
		GREEN	---	GREEN
Ø3	OR Ø7	BLACK	RED	RED
		ORANGE	RED	YELLOW
		BLUE	RED	GREEN
Ø4	OR Ø8	RED	BLACK	RED
		ORANGE	BLACK	YELLOW
		GREEN	BLACK	GREEN
Ø2	OR Ø6 PEDS.	BLUE	---	WALK
		BLACK	---	DON'T WALK
		WHITE	BLACK	PUSH BUTTON
Ø4	OR Ø8 PEDS.	BLUE	WHITE	WALK
		RED	GREEN	DON'T WALK
		WHITE	RED	PUSH BUTTON
ALL Ø'S		WHITE	---	P.B. COMMON
		BLUE	BLACK	SPARE

20-CONDUCTOR IMSA COLOR CODE

20-CONDUCTOR IMSA COLOR CODE  
 (Used when one cable is dedicated to each pole)

IMSA CABLE 19-1, #14 AWG, 4-CONDUCTOR & 7-CONDUCTOR							
SIGNAL HEADS OUTBOARD & FAR LEFT		SIGNAL HEADS INBOARD & SIDEMOUNT		PEDESTRIAN HEADS		PUSH BUTTON	
7-CONDUCTOR CABLE		4-CONDUCTOR CABLE		4-CONDUCTOR CABLE		4-CONDUCTOR CABLE	
BASIC COLOR	SIGNAL INTERVAL	BASIC COLOR	SIGNAL INTERVAL	BASIC COLOR	SIGNAL INTERVAL	BASIC COLOR	PUSH BUTTON STATION
RED	RED	RED	RED	RED	DON'T WALK	RED	PUSH BUTTON
BLACK	YELLOW	BLACK	YELLOW	GREEN	WALK	WHITE	P.B. COM.
GREEN	GREEN	GREEN	GREEN	WHITE	PED. COM.	GREEN	SPARE
ORANGE	YELLOW ARROW	WHITE	VEH. COM.	BLACK	SPARE	BLACK	SPARE
BLUE	GREEN ARROW						
WHITE	VEH. COM.						
WHT/BLK TR	VEH. COM.						

THE CABLE SHALL BE TAGGED AS TO ASSIGNED PHASE.

4 AND 7-IMSA COLOR CODE

NOT TO SCALE

DESIGN APPROVED <b>SIGNATURE</b>	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 03/10
APPROVED FOR DISTRIBUTION <b>ON FILE</b>	TRAFFIC SIGNAL IMSA CABLE COLOR CODES	DRAWING NO. T.S. 1-7
		SHEET NO. 1 OF 1